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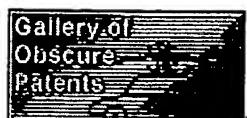
Get Now:  PDF | [More choices...](#)Tools: Add to Work File:  Create new WorkView: [INPADOC](#) | Jump to: [Top](#) Go to: [Derwent...](#)[Email](#)**Title:** **JP322225A2: MANUFACTURE OF LITHIUM ELECTRODE FOR LITHIUM BATTERY****Country:** JP Japan**Kind:** A**Inventor:** NAGAURA TORU;  
YOKOGAWA MASAAKI;  
NAKAO TOSHIHIKO;  
SATO KATSUZO;**Assignee:** SONY CORP.  
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 1991-10-01 / 1990-01-25**Application Number:** JP1990000015768**IPC Code:** H01M 4/04; H01M 4/64**Priority Number:** 1990-01-25 JP1990000015768**Abstract:**

**PURPOSE:** To prevent the adhesion of lithium in a rolled state and the breakage of a lithium foil during operation up to battery assembly for efficient operation by press-attaching the lithium foil formed by extrusion directly to a metal collector foil before winding in a rolled state.

**CONSTITUTION:** A copper foil rolled substance 22 that a copper foil 21 is wound in a rolled state and an extrude 24 for a lithium foil 23 are prepared to have the one face of the copper foil 21, supplied from the copper foil rolled substance 22, and the desired-thickness lithium foil 23, extruded and molded from the extruder 24, faced in opposition, passed through a pair of pressure rollers 25, press-attached to each other and then wound in a rolled state. In this case, for making the lithium foil 23 thin up to a desired thickness, the lithium foil 23 from the extruder 24 is given cold rolling via 4-step rolls 26-29 and cold rolling mechanism 30. It is thus possible to prevent the adhesion of lithium in a rolled state and the breakage of the lithium during operation up to battery assembly for efficient operation.

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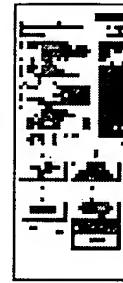
Ema

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Country: JP Japan

Kind: A

Inventor: NAGAURA TORU;  
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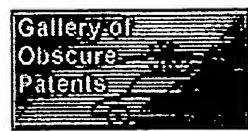
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(11) Publication number:

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## PATENT ABSTRACTS OF JAPAN

(21) Application number: **02015768**(51) Int'l. Cl.: **H01M 4/04 H01M 4/64**(22) Application date: **25.01.90**

(30) Priority:

(43) Date of application publication: **01.10.91**

(84) Designated contracting states:

(71) Applicant: **SONY CORP**(72) Inventor: **NAGAURA TORU  
YOKOGAWA MASAAKI  
NAKAO TOSHIHIKO  
SATO KATSUZO**

(74) Representative:

### **(54) MANUFACTURE OF LITHIUM ELECTRODE FOR LITHIUM BATTERY**

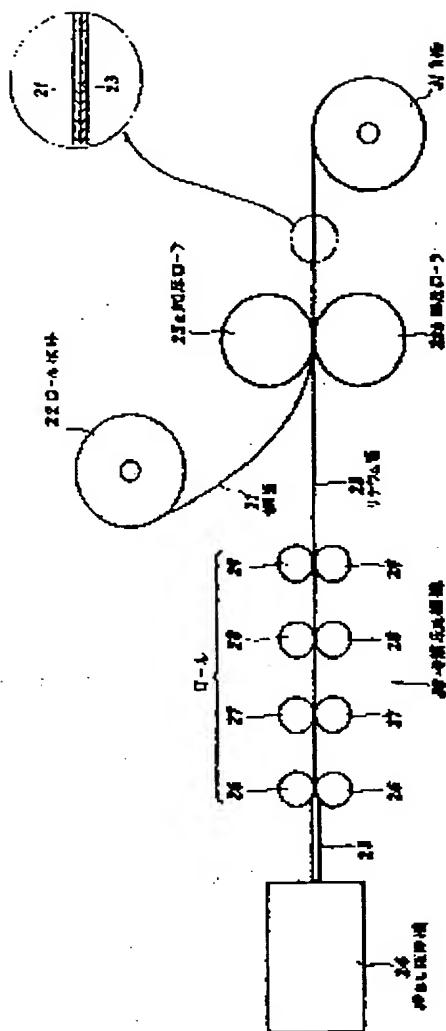
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